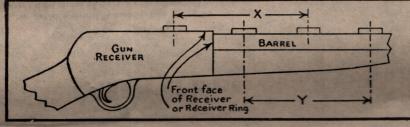
# Chart of bases and method of mounting Lyman Junior Targetspot and Super Targetspot Scope Sights



		BASE	

	Dimens						Sav. 40, 45		G	U	7%6″	Rear of rear base 238" from rear or receiver.
Symbols	"A"	meno arrest	dial 10		Тор	Remarks	Savage Utility	73%6"	c	L		Both bases on barrel.
A	.167	Front		Flat		Regular	Stevens Rifles		В	L	73/16"	The second as a second second
AA	.167	Front			Groove	Regular			Contraction of the	A State of the	Charles and the second	The second second second second
AB	.167	Front		Flat		Savage M19 One Hole	Stevens Buckhorn		С	1	73%6"	Rear base mounted on bridge.
AC	.167	Front		Flat	Groove	Reg. Flat Bottom Drive in rear sight slot	Models		Sec. and A	-		keer base moonred on bridge.
AK	.185	Front	and the second	Flat	Ciccit	For use with No. 77 Front Sight	Marlin 92, 93, 94, 9 Marlin 39, 39A	5 6 <sup>1</sup> /2" 73/6"	AB	L		Rear base flush against receiver ring.
BA	.225	Front	ant and the second second	Flat	Groove	Regular -	Marlin 36, 336		LF	BK	7%.	Rear base flush against receiver
BK	.225	Front	A STATISTICS	Caral State	Groove	Drive in Rear Sight Slot		and the second		-	*/16	ring.
BK	.260	Front		Flat	Croore	For use with No. 77 Front Sight	Marlin 47	6"	Rose Mar	Contraction of	CARL AND	
BT*	.190	Front	The Constant	1 Transferra	Groove	Spec. Taper Sav. 99	All the second sec	•	A	L		
	an Parling						Marlin 50, A-1	The state	B	U	73/16"	
C	.315	Front		Flat		Regular	Marlin 80	6"	В	L	and a second	
D	.415	Front		Flat		Regular	Ballard	73/16"	A	L		
E Bint	.475	Front	anger -	Flat	1.19	Regular	Mann-Schoenauer		н	U	6"	Rear base on receiver ring.
F	.475	Front	10-18 (A)		Groove	Regular	Krag	6"	с	L		Rear base flush to receiver. Must be used without barrel cover.
G	.315	Front	- Starson	the second	Groove	Regular Regular	Mauser .22 cal.	6"	A	1	CORD STATES	Rear base flush to receiver.
л Н	.415 .315	Front	Rear	Flat	Groove	Special Clamp Screw Cut Forward of center	Mauser Sporting		E	0	6¾"	Mounted on receiver ring.
	.300	Front		Angent Strain	Groove	Drive in Rear Sight Slot	rifle 7 m/m.	2	-			
ĸĸĸ	.300	Front	1985 113	Flat	Groove	For use with No. 77 Front Sight Drive in Rear Sight Slot	Mauser Carbine 7 m/m.	51/2"	c	L		Rear base flush against receiver.
	Pizwata - mai		null prime	Flat		For use with No. 77 Front Sight	Springfield 03		E	0	6"	Rear base on receiver ring.
KK	.370	Front	Rear	Flat		Regular	Springfield M1-	and the second states	E	0	6"	Rear base on receiver ring.
LF	.167		Rear	Flat		Regular Flat Bottom	.22 cal. and	The second	A Station of the second			If mounting rear base front of
u	.167		Rear	Flat		Spec. Sav 19 Mounts in factory holes	Sporter .30 cal. Springfield M2	in the	1 and	14		receiver, use "D" & M. 6" centers.
MO	.295 .225		Rear Rear	Flat Flat		Reg. Flat Bottom Spec. Wide Base for Receiver	Russ. 7.62 m/m.	The Beller	H	L	73%6"	Front of rear base ${}^{9}_{16}$ " back from front end of receiver ring.
P	.209		Rear Rear	Flat Flat		Regular Spec. Taper Sav. 99				-	-21/1	the second second second second second second second
R* S	.213 .205		Rear	Flat	1000	Reg.—Flat Bottom	. B. S. A. Mod. 12 Match .22 cal.		•		7%6"	Rear base on receiver.
T* U	.190 .167	Front	Rear	Flat	Groove	Spec. Taper Sav. 99 Regular	Lee-Enfield Mil.	5½"	D	M		Rear base mounted just ahead of receiver. Front base use screw hole in rear sight.
٧*	.180		Rear	Flat		Spec. Taper Sav. 99 on Receiver Spec. Taper Sav. 99 over hammer Ind.	Lee-Enfield Spt.	51/2"	D	M	No. of the second	Rear base against receiver ring.
W* Y*	.255		Rear	Flat	Groove	Spec. Taper Sav. 99 over hammer	Mossberg Rifles	an statute of the	B		7 <sup>3</sup> / <sub>16</sub> "	
in the	.274		Reur	1 - million	all of the second	indicator			The local sectors		Cash Control and a second statement	
-				Contraction of the local days	and the second second	Citle T. Constanting and the Constanting of	Enfield 1917	and the second second	E	0	6"	Rear base on receiver ring.

	def: in	1				and the state of t	A state of the second	La Barris	an and the se	Selection of	A State of the second	and the second se
No definite locations of bases on Rifles for telescopic sights can be given because of the different dimensions of guns, stocks or normal holding position of individuals. Experience makes it desirable to suggest that the base for the front mount be located first, except where the barrel or receiver of the gun is already tapped and drilled for scope bases. Before actually attaching without bare bare to the gun be gun and the desired base to be actually attaching without bare bare to the gun be gun attaching attaching the second second bare desired base to be a second bare to						Model	Distance Y on	Base Front	Rear Base	When rear base is mounted on receiver	Remarks	
either base, hold the scope on the gun nearly in the desired shooting position as the user will require it. The rear end of the scope should be about 1½" from the eye in every shooting position to give maximum field. This distance from the eye to the scope is called "Eye Relief."						Win. 73, 76, 86, 55,	Diagram 6"	A	-	X on diagram	Rear base flush against receiver	
The normal position of the scope having thus been tentatively determined, the front mount should be located so that the Eye Relief will be possible in either offhand, prone, sitting or kneeling positions. This will determine the location of the front base to which the front mount is						87, 92, 94, 95, 53, 55, 64, 65, 71, 43	•			-1/1	ring. Holes provided in Win. 75. Win. 71, 86, 92, 94, 95, 55, will require offset adapters except	
attached	IN PAR						Win. 74 Win. 64 30/30	6"	A B	L	7¾6"	Win. 92, .25/20, .32-20. Factory rear sight will have to
Bef	ore actu	State Barrier	C. Chickler and	A CONTRACTOR OF THE OWNER	in the second	COPE BASE	Win. 90, 06, 61, 62 Win. 95 Corbine	7 <sup>3</sup> /16"	A	L		be removed except on models 87, 86, 95, 06, 53, 55.
Before actually attaching the front base in the position thus determined, make certain that the rear base which will hold the rear mount can feasibly be attached to the receiver, receiver ring, or the barrel at a distance of about 6" or preferably 7.2" measuring from center to center							Win. 03, 63	73%6"	B	L		Factory rear sight will have to be removed except models 03.
of bases because the accompanying tables show adjustments of the rear mount for these two distances. It will be found on some guns that the natural location of the rear base brings the distance							Win. 05, 07, 10		•	L	۶½" 	Front of rear base 3 <sup>1</sup> / <sub>16</sub> " back of front of receiver.
between	n bases a	s short as	5". The v	widest di	stance betw	een bases not exceeding 7.2" is desirable, eration of scope base locations.	Win. 56, 57, 59, 60, 67, 68	7¾6″	•	L		Rear base flush against receiver ring. Factory rear sight will have to be
					ITTUODO		69, 72 Win. 52 Standard	73/16" 73/16"	B	L	2 V 19 23	removed except models 56, 57. Rear base flush against receiver
	AGRAN	N SHOW	WING		METHODS	OF LOCATION OF BASES	Win. 52 Hvy. Barrel Win. 52 Bull Gun	2.18	B B	i		ring. Gun has mounting screw holes
a man		_	and the second	*			Win. 75 Target Win. 54 Standard		H	U	73%"	for bases. Rear base on receiver ring.
		RE	GUN	1	1-	BARREL	Win. 54, .22 Hornet Win. 54 .220 Swift Win. 54 Sniper		A B B	U U U	6" 73%" 73%"	Front base in place Fact. Rear New Screw holes for Front Base New Screw holes for Front Base
1	/		T	1/	nt face		Win. 70 Old Style Win. 70 Old Style		KK	L	1. 1. 1.	Rear base on receiver bridge.
	~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	J	\ of I	Receiver Rin		Win. 70 Standard Win. 70 Standard	-3.44	KK F	U U	6" 7¾6"	Front base in place Fact. Rear. New Holes for Front Base.
							Win. 70 New Style Win. 70 Target Win. 70 Bull	93/4"	BK G B	P U U		Rear base on receiver bridge New Holes for Front Base. New Holes for Front Base.
Thu	ut the loc					SCREW HOLES	Win. 70 Nat'l Mat. Win. 75 Sporting, 74	73%6"	н G	L		New Holes for Front Base. Rear Base against receiver ring.
holes fo each oth	r the bas ier. As pr	ses so that reviously r	t when the mentioned	ne bases d, the fro	are attache nt base is u	ished, it only remains to make the screw d they will be in a horizontal plane with sually attached first—its location has been	Rem. 8, 81		•	L	5″	Rear Base against receiver ring. Offset adapters required.
the hole	s correctl	ly. Use a s	mall clan	np to hol	d the base a	ase may be used as a templet for spacing on the barrel. A couple of small mechanics ctory rear sight and the other on the top	Rem. 12 and 121	17	B	L	7¾"	Rear base flush against receiver.
surface	of the be	ase, will s	how whe	ther the	surface of	the base is in proper horizontal position. The holes can now be made for the front	Rem. 14 and 141 Rem. 24 and 241	6" 61/4"	B	L	1	Rear base flush against receiver. Rear base flush against receiver.
		mended th ion of hol		erations	to this point	be checked or verified to avoid possibility	Rem. 25		B	L	7洸。"	Front of rear base 13/4" back of front end of receiver.
			L	EVELIN	G REAR	BASE	Rem. 3025 and .257 Rem. 720, .257 and		E	s s	6"	On receiver ring. On receiver ring.
			tached, t	he rear l	base may be	e clamped in its position and the top sur- by means of the two mechanics squares.	.270 Rem. 721		KK	U		Front base in place of factory
In around	actual us the tube	in front	of the fro	ooting p ont mour	ositions the at may be lo	Relief Adjusting Stop which is the collar ocated to give the correct Eye Relief. The	Rem. 721 Rem. 3030 cal.		FD	US	6"	rear. Rear on receiver ring. On receiver ring.
proper p	osition	with the R	elief Adj	usting St	op against 1	after each shot it should be returned to its the front mount. er position, use a body size drill No. 26 to	Rem. 720, .30-06 Gov't		D	S	6"	On receiver ring.
spot the than $\frac{1}{16}$	barrel f ", depen	for the ho ding on t	le that sh he thickn	ould be ess of th	drilled with e gun barre	No. 31 drill to a depth of slightly more el. Never drill close enough so that there	Rem. 34, 341	7"	A	L		Rear base on receiver bridge or flush against receiver ring.
drill flat	tened so	that the t	full depth	of the s	crew hole c	nsmiths usually follow this with a No. 31 an be obtained. This drilling is done with les using the plug tap first, then the bot-	Rem. 510-511 Rem. 37, 521	7 <sup>3</sup> / <sub>6</sub> " 7 <sup>3</sup> / <sub>16</sub> "	B	L		Rear base on barrel. Mounting screw holes already
toming	tap clear		ottom of	the hole		ainst breaking this tap off in the hole. A	Rem. 513, 414 Sav. 99				-14	in gun.
Put	in one s	screw turn	ing care	fully unti		bottom of the tapped hole in the barrel. d by grinding off the lower end. Treat the	Sav. 99 New Models		T AA	Y	73/16" 73/15"	Rear base mounted over Hammer Indicator.
driver fi	tting the	slots in t	he screw	hole is a	desirable for	n, the screw should be very tight. A screw r best results. ay wish to use front or rear bases higher	Sav. 03, 14, 25, 29 Sav. 3, 4, 5, 6	6"	B	L	7次。"	Rear Base against receiver ring. Rear base on receiver bridge.
or lower under si	r than us de of the	ual, the fire base dire	ollowing ectly abo	dimension ve the ce	ons are give inter of the	n with measurement taken from point on bore, to the top of the base. As mounting	Sav. 19, 22, 23 A.B.C.	The second second	A	u	73/16"	On older models of 19, 22, 23 A, B and C rear of rear base
					distance ap hange with	art, front bases are interchangeable with each other.	Sav. 19-33 N.R.A.		AB	u	51/2"	2 <sup>5</sup> .8" from rear of receiver. On newer models rear base is mounted on receiver where holes
			HEI	CHT O	F SCOPE	BASES	Sav. 23 D		B AK	11 11	71/2"	are already drilled and tapped. Front base in place Fact. Rear.
	Dimens						Sav. 40, 45		G	U	73/16"	Rear of rear base 2 <sup>5</sup> 8" from rear or receiver.
Symbols	.167	Front	Hart A	Flat	Тор	Regular	Savage Utility Stevens Rifles	73/6"	C B	L	73%6"	Both bases on barrel.
AA AB AC	.167 .167 .167	Front Front Front		Flat Flat	Groove	Regular Savage M19 One Hole Reg. Flat Bottom	Stevens Buckhorn	1.3%	С	L	73%6"	Rear base mounted on bridge.
AC AK AK	.185	Front		Flat	Groove	Drive in rear sight slot For use with No. 77 Front Sight	Models Marlin 92, 93, 94, 95	6½" 7¾"	A	L		Rear base flush against receiver
B BA	.225	Front Front		Flat	Groove	Regular Regular	Marlin 39, 39A Marlin 36, 336	73%	B LF	L BK	73%6	ring. Rear base flush against receiver
BK BK BT*	.260 .260 .190	Front Front Front		Flaț	Groove	Drive in Rear Sight Slot For use with No. 77 Front Sight Spec. Taper Sav. 99	Marlin 47	6"	A	L	A REAL PROPERTY AND INCOMENTAL OPPOSITE OFFICE AND INCOMENTAL OPPOSITE OFFICIANO OPPOSITE	ring.
C	.315	Front		Flat	Groove	Regular	Marlin 50, A-1 Marlin 80	6"	B B	UL	73%6"	
D	.415	Front		Flat		Regular	Ballard Mann-Schoenauer	73/16"	A	L	6"	Rear base on receiver ring.
F	.475 .475	Front Front		Flat	Groove	Regular	Krag	6"	c	L		Rear base flush to receiver. Must be used without barrel cover.
G H J	.315 .415 .315	Front Front	Rear	Flat	Groove Groove	Regular Regular Special Clamp Screw Cut Forward	Mauser .22 cal.	6"	A	L	13/"	Rear base flush to receiver.
K	.300	Front			Groove	of center Drive in Rear Sight Slot	Mauser Sporting rifle 7 m/m.	elen.	E	0	6¾"	Mounted on receiver ring.
к кк	.300 .370	Front Front		Flat	Groove	For use with No. 77 Front Sight Drive in Rear Sight Slot	Mauser Carbine 7 m/m.	51/2"	C		6"	Rear base flush against receiver.
KK L	.370	Front	Rear	Flat Flat		For use with No. 77 Front Sight Regular Regular Flat Bottom	Springfield 03 Springfield M1-	Toy at	E	0	6"	Rear base on receiver ring. Rear base on receiver ring. If mounting rear base front of
LF LL	.167	1969 - 391	Rear Rear	Flat Flat		Spec. Sav 19 Mounts in factory holes	.22 cal. and Sporter .30 cal. Springfield M2	an order		14		It mounting rear base front of receiver, use "D" & M. 6" centers.
MOP	.295 .225 .209	Sear The I	Rear Rear Rear	Flat Flat Flat		Reg. Flat Bottom Spec. Wide Base for Receiver Regular	Russ. 7.62 m/m.	No.	н	L	73%6"	Front of rear base <sup>9</sup> 16" back from front end of receiver ring.
R* S	.209 .213 .205	and the	Rear Rear	Flat Flat		Spec. Taper Sav. 99 Reg.—Flat Bottom	B. S. A. Mod. 12 Match .22 cal.		A	t	7¾6"	Rear base on receiver.
T* U	.190	Front	Rear	Flat	Groove	Spec. Taper Sav. 99 Regular	Lee-Enfield Mil.	51/2"	D	M	The states	Rear base mounted just ahead of receiver. Front base use screw
V* W*	.180	and the second	Rear Rear	Flat Flat		Spec. Taper Sav. 99 on Receiver Spec. Taper Sav. 99 over hammer Ind.	Lee-Enfield Spt.	51/2"	D	M	C. S. Markel	hole in rear sight. Rear base against receiver ring.
Y*	.294	1	Rear		Groove	Spec. Taper Sav. 99 over hammer indicator	Mossberg Rifles Enfield 1917	1280 5. 3	B	۱ ٥	7 <sup>3</sup> / <sub>16</sub> " 6"	Rear base on receiver ring.
Sale Contractory of Stationer		ven at cen					Entrela 1917	-	-	-	6"	Page base on receiver ring.

\* Dimensions given at center.

ZA 2 2 A ZA A

The following table indicates the height of bases for Lyman Target Telescope sights. Bases furnished with Lyman Scopes are all marked with letter symbols in accordance with this list. The letter "A" on the diagram above indicates how base measurements are taken. Heights of front bases required may vary according to the scope and ammunition.

## THE LYMAN GUN SIGHT CORPORATION MIDDLEFIELD, CONN.

6" 6"

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EX

No DT54.54.5.49

Sedgeley-Springfield Roberts 257

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Rear base on receiver ring.